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U.S.S.N.:

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In the Claims:

This listing of claims, herein, will replace all prior versions, and listings, of claims in the

Application.

Listing of Claims:

1. (Currently amended) A method, operable on a computer system, for managing network

resources for copying data stored on a first data storage system to a second data storage system

in a data replication process, wherein each data storage system includes an array of data storage

devices on which data involved in the copying is stored, the method comprising the computer-

executed steps of:

requesting from a server for services on a network, an allocation of bandwidth for data

copying from the first data storage system to the second data storage system over the network

based on an estimate of the data to be copied and a known time period in which to copy said

data;

copying data in response to the bandwidth allocation from the server based on the

request;

monitoring network traffic performance characteristics during the data copying; and

responsive to the monitored network traffic characteristics, selectively requesting an

effect on the bandwidth allocation.

2. (Original) The method of claim 1, wherein the effect requested is to increase bandwidth

allocation.

(Previously presented) The method of claim 1, wherein the request is in accordance with 3.

a Java-based protocol.

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4. The method of claim 1, wherein the effect requested is to (Previously presented)

increase the bandwidth allocation based on not meeting at least one performance criterion.

The method of claim 4, wherein the at least one performance 5. (Previously presented)

criterion is a predetermined data transfer rate.

6. (Cancelled)

The method of claim 1, wherein the monitored network traffic 7. (Previously presented)

characteristics includes information regarding packet latency.

8. The method of claim 1, wherein the monitored network traffic (Previously presented)

characteristics includes information regarding packet loss.

9 - 15. (Cancelled).

16. (Previously presented) The method of claim 1, wherein the data replication is carried out

in accordance with a replication policy.

17. (Original) The method of claim 16, wherein the replication policy defines replication

groups including devices distributed between the first and second data storage systems and the

data replication process is completed when all devices in the replication groups are synchronized.

18. (Currently amended) A networked computer system for managing network resources for

copying of data from a first data storage system to a second data storage system in a data

replication process, wherein each data storage system includes an array of data storage devices

on which data involved in the copying is stored, the networked computer system comprising:

a server for providing services over the network; and

a network communication device capable of enabling the method steps of:

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requesting from the server an allocation of bandwidth for data copying from the

first data storage system to the second data storage system over the network based on an

estimate of the data to be copied and a known time period in which to copy said data;

copying in response to a bandwidth allocation from the server based on the

request;

monitoring network traffic performance characteristics during the data copying;

and

responsive to the monitored network traffic characteristics, selectively requesting

an effect on the bandwidth allocation.

19. (Cancelled)

20. (Previously presented) The system of claim 19, wherein the request is in accordance with

a Java-based protocol.

21. (Previously presented) The system of claim 18, wherein the effect requested is to

increase bandwidth allocation based on not meeting at least one performance criterion.

22. (Previously presented) The system of claim 21, wherein the at least one performance

criterion is based on a predetermined data transfer rate.

23. (Cancelled)

24. (Previously presented) The system of claim 18, wherein the monitored network traffic

characteristics include information regarding packet latency.

25. (Previously presented) The system of claim 18, wherein the monitored network traffic

characteristics include information regarding packet loss.

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26. (Previously presented) The system of claim 18, wherein the data replication is carried

out in accordance with a replication policy.

27. (Original) The system of claim 26, wherein the replication policy defines replication

groups including devices distributed between the first and second data storage systems and the

data replication process is completed when all devices in the replication groups are synchronized.

28. (Currently amended) A program product for managing network resources for copying of

data stored in a data storage environment, the program product being for management of data

and being comprised of:

computer-executable logic provided from contained on a computer-readable medium,

when loaded into a computer system causes the computer system to execute the and which is

configured for causing the following computer-executed steps of:

requesting from a server for services on a network, an allocation of bandwidth for

data copying from a first data storage system to a second data storage system over the

network based on an estimate of the data to be copied and a known time period in which

to copy said data;

copying data in response to the bandwidth allocation from the server based on the

request;

monitoring network traffic performance characteristics during the data copying;

and

responsive to the monitored network traffic characteristics, selectively requesting

an effect on the bandwidth allocation.